Abstract:

Method for Calibrating Analog Controlling, Electrically Actuatable Hydraulic Valves

The invention describes a method and a pressure control device for the valve calibration of an analog controlling, electrically actuatable hydraulic valve (2, 2´,3, 3´, 3´´, 3´´´) in a device with at least one externally supplied pressurization unit (1, 1´) and with pressure sensors (9, 10, 10´, 10´´, 10´´´), with said device comprising several pressure control circuits (A, B, C, D) and in particular several brake circuits (I., II.), and with at least some pressure control circuits being connected to a pressure sensor associated with this circuit and to inlet and outlet valves. In this method, several calibration routines are performed to generate and store automatically established calibration data, and during or prior to each calibration routine, the externally supplied pressurization unit (1, 1´) produces pressure in at least one pressure control circuit (A, B, C, D), and calibration data is recorded for one or several analog controlling hydraulic valves by using the pressure that has built up.

(Figure 1)